

ABSTRACT OF THE DISCLOSURE

A transmission and reception system utilizes primarily a combination of punctured-convolution-coding and diversity. Degradation in likelihood of certain data is prevented by adopting the steps of (a) punctured-convolution-coding series of identical information data by using a plurality of different
5 puncturing patterns, (b) diversity-transmitting each of different series of punctured data obtained in step (a) as diversity branches, (c) depuncturing the series of punctured data individually in a receiving device by using identical puncturing patterns and as used in the transmission side, and (d) combining and convolution-
10 decoding them thereafter.